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thread execution time bounded timeout

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#### [PDF] ➤ Real-time Mach: Towards a predictable real-time system

H Tokuda, T Nakajima, P Rao - Proceedings of USENIX Mach Workshop, 1990 - citeseerx.ist.psu.edu

... bounded delay ... various RISC chips, it becomes an interesting practical problem in

determining the worst case execution time for sections ... (7) Th i: Thread i li ...

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#### HRT-HOOD: A structured design method for hard real-time systems- ▶ 144.32.40.18 (POF)

A Burns, AJ Wellings - Real-Time Systems, 1994 - Springer

... However, these **threads** (once staged) execute irrespective of whether there are ... any of their objects' operations at any **time** during their **execution**. ...

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## CPU reservations and time constraints: Efficient, predictable scheduling of independent activities microsoft.com

MB Jones, D Roşu, MC Roşu - ACM SIGOPS Operating Systems Review, 1997 - portal.acm.org

... of each time constraint when a thread submits it ... that at least the estimated amount

of time has been reserved for the constraint's execution between the ...

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### [воок] Real-time UML- ►sigs.de (РОР)

BP Douglass - 1998 - Springer

... important to characterize the rendezvous patterns of cross- **thread** messaging in ... in memory for some specific period of **time** during the **execution** of the ...

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# ... automated implementation of executable objectoriented models for real-time embedded control systems- ▶ kfupm.edu.sa por

M Saksena, P Freedman, P Rodziewicz - Real-Time Systems Symposium, 1997. Proceedings., The 18th ..., 1997 - ieeexplore.ieee.org

... tors to the underlying operating system's **execution** abstractions ... priorities and the scheduling of **threads** by the ... Cruise Control: An Example Real-**Time** System ...

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#### Object-oriented real-time language design: Constructs for timing constraints

Y Ishikawa, H Tokuda - Proceedings of the European conference on object-oriented ..., 1990 - portal.acm.org

... period, and the dead-line time of the execution respectively ... Those are in- stances

of c1a.w Time. ... critical region we need a mechanism that a thread entering a ...

Cited by 144 - Related articles - Web Search - Library Search - All 3 versions

### Evaluating Real-Time Java features and performance for real-time embedded systems- ▶ psu.edu

A Corsaro, DC Schmidt - Eighth IEEE Real-**Time** and Embedded Technology and ..., 2002 - ieeexplore.ieee.org ... anteed that there will be a separate **thread** for each ... that after an event is fired

the execution of all its ... class, which has a real-time thread associated with ...

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#### MiThOS-a real-time micro-kernel threads operating system- > psu.edu (por)

F Mueller, V Rustagi, TP Baker - 16th IEEE Real-**Time** Systems Symposium, 1995. Proceedings., 1995 - ieeexplore.ieee.org

... traded for the completion of a **thread**'s **execution** ... analysis and can be set during program **execution** ... Future Work The predictability of **time-out** handling could ...

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Evaluation of real-time synchronization in real-time mach- \* kfupm.edu.sa (Por)

H Tokuda, T Nakajima - Second Mach Symposium, 1991 - usenix.org

... The dura- tion of the priority inversion is bounded by the size of the ... Benchmark-

1 in Table 3. C,- represents the worst case execution time of thread Thi. ...

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Taskpair-scheduling: An approach for dynamic real-time systems

H Streich - ... and Distributed Real-Time Systems, 1994. Proceedings of the ..., 1994 - ieeexplore.ieee.org

... MainTasks may also be subject for guaranteed **execution**. ... we do not consider **time** for run-**time** system activities like guaranteeing tasks, switching of **threads** etc ...

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Key authors: H Tokuda - M Jones - T Harrison - T Nakajima - D Schmidt

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